

Title (en)

AUTOMATICALLY CONNECTING A USER EQUIPMENT DEVICE WITH A PARTNER DEVICE

Title (de)

AUTOMATISCHES VERBINDEN EINES TEILNEHMERGERÄTS MIT EINEM PARTNERGERÄT

Title (fr)

CONNECTER AUTOMATIQUEMENT UN DISPOSITIF D'UTILISATEUR AVEC UN DISPOSITIF PARTENAIRE

Publication

EP 3152933 A1 20170412 (EN)

Application

EP 15733535 A 20150528

Priority

- US 201414299930 A 20140609
- IB 2015053991 W 20150528

Abstract (en)

[origin: US2015358760A1] A User Equipment (UE) device of a user may automatically determine an intended partner device with which the user desires to interact by determining its own UE orientation value and receiving a beacon signal that includes a device identifier of a candidate partner device and a device orientation value that indicates an orientation of the candidate partner device. The signal strength value for the beacon signal is determined. The UE selects the candidate partner device as the intended partner device based on at least the signal strength value, the device orientation value that indicates the orientation of the candidate partner device, and the UE orientation value. The UE then transmits a message to the intended partner device using the device identifier of the candidate partner device.

IPC 8 full level

H04W 4/80 (2018.01); **H04W 8/00** (2009.01); **H04W 4/38** (2018.01)

CPC (source: CN EP US)

H04W 4/026 (2013.01 - CN EP US); **H04W 4/38** (2018.01 - US); **H04W 4/80** (2018.01 - EP US); **H04W 8/005** (2013.01 - CN EP US); **H04W 76/14** (2018.01 - EP US)

Citation (search report)

See references of WO 2015189734A1

Cited by

WO2023059593A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2015358760 A1 20151210; US 9338585 B2 20160510; CN 106465052 A 20170222; CN 106465052 B 20200519; EP 3152933 A1 20170412; EP 3152933 B1 20180711; WO 2015189734 A1 20151217

DOCDB simple family (application)

US 201414299930 A 20140609; CN 201580030986 A 20150528; EP 15733535 A 20150528; IB 2015053991 W 20150528